SEP 0 9 2004



0 9 2004 ju		PTO/SB/21 (08-03)
Lights the Reported Reduction Act of 1995	U.S. Pate	Approved for use through 07/31/2006. OMB 0651-0031 int and Trademark Office; U.S. DEPARTMENT OF COMMERCE ion of information unless it displays a valid OMB control number.
ALE LINE THE PADE WOLK RESUCCION ACT OF 1993.	Application Number	10/751,635
TRANSMITTAL	Filing Date	01/06/2004
FORM	First Named Inventor	Dan. V. GORCEA
(to be used for all correspondence after initial i	Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	33 Attorney Docket Number	9-13528-76US-1
	ENCLOSURES (Check all tha	at apply)
Fee Transmittal Form  Fee Attached  Amendment/Reply  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53	Drawing(s)  Licensing-related Papers  Petition  Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Add Terminal Disclaimer  Request for Refund  CD, Number of CD(s)  Remarks	After Allowance communication to Group  Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter Other Enclosure(s) (please Identify below):  Return Postcard
SIGNA	TURE OF APPLICANT, ATTORN	IEY. OR AGENT
Firm or Individual name Kent Daniels, Reconstruction Signature  Date September 1, 200	n. No. 44,206	
CI	RTIFICATE OF TRANSMISSIO	N/MAILING
I hereby certify that this correspondence is be sufficient postage as first class mail in an env the date shown below.	eing facsimile transmitted to the USPTO c relope addressed to: Commissioner for Pa	or deposited with the United States Postal Service with atents, P.O. Box 1450, Alexandria, VA 22313-1450 on
Typed or printed name		
Signature		Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



DATE: September 1, 2004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Dan V. GORCEA, et al.

Serial No.:

10/751,635

Filed:

January 6, 2004

Title:

DIRECTIONAL RECEIVER COUPLING

ARRANGEMENT WITH FREQUENCY SELECTIVITY

AND GAIN CONTROL FOR DSL

Agent of Record:

**Kent Daniels** 

Tel: (613) 780-8673

## **Mail Stop Patent Application**

Commissioner for Patents United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 U.S.A.

Sir:

## INFORMATION DISCLOSURE STATEMENT PRIOR TO FIRST OFFICE ACTION

Pursuant to the duty of disclosure under 37 CFR 1.56, copies of the references listed on the attached Forms PTO/SB8A an PTO/SB8B (other than U.S. patents and U.S. published applications) are submitted herewith along with a copy the European Search Report cited in Applicant's related European Application.

The Examiner is kindly requested to consider these references during the examination of the above-identified application, making the references of record, and to return an initialed copy of Forms PTO/SB8A and PTO/SB8B to the below-signed agent.

In accordance with 37 CFR 1.97(h), the submission of the present information is not to be construed as an admission that such information is, or is considered to be material to patentability.

Respectfully submitted,

By:

Kent Daniels, Registration No.44,206

**OGILVY RENAULT** 

1600 - 1981 McGill College Avenue Montreal, Quebec, Canada H3A 2Y3

Encls.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid <u>OMB control num</u>ber.

Substitute for form 1449/PTO

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	10/751,635	-	
Filing Date	January 6, 2004		
First Named Inventor	Dan V. GORCEA		
Art Unit			
Examiner Name			
Attorney Docket Number	9-13528-76US-1		

U. S. PATENT DOCUMENTS						
Examiner Cite Document Number Initials* No.1		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	<u> </u>	Number-Kind Code <sup>2 (if known)</sup> US-			1 32.001 4.500	
		05-				
		US-				
		US-				
		US-			-	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-			1,11	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
	<b></b>	US-				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ <sup>6</sup>
		EP 0 820 154 A2	01-21-1998	NOKIA MOBILE PHONES LTD.	See Search Report	
		EP 0 840 474 A2	05-06-1998	MOTOROLA INC,	See Search Report	
***	ļ					L
						<u> </u>
						L

Examiner	Date	
Signature	Considered	
	1	l

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO		Complete if Known		
045541515115111111111111111111111111111			Application Number	10/751,635
INFORMATIO	N DIS	CLOSURE	Filing Date	01/06/2004
STATEMENT BY APPLICANT		First Named Inventor	Dan V. GORCEA	
(Use as many sheets as necessary)			Art Unit	
(USE as many sneets as necessary)		Examiner Name		
Sheet 1	of	1	Attorney Docket Number	9-13528-76US-1

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²	
		Kim Maxwell, "Asymmentric Digital Subscriber Line: Interim Technology for the Next Forty Years", IEEE Communications Magazine, Vol.34. No. 10., October 1, 1996, pp 100-106, Piscataway, NJ. USA		

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.